```
=> d his

     (FILE 'USPAT' ENTERED AT 07:26:41 ON 08 OCT 1997)
L1           910 S PCMCIA
L2           837 S (DISKETTE OR CARD) (L) L1
L3           791 S (DISKETTE OR CARD) (10A) L1
L4           765 S (DISKETTE OR CARD) (5A) L1
L5             1 S HIGH DENSITY (5A) L4
L6             2 S HIGH DENSITY (10A) L4
```

```
=> s HIGH DENSITY (10A) L4
       1300176 HIGH
          1194 HIGHS
       1300218 HIGH
                  (HIGH OR HIGHS)
        312514 DENSITY
         55228 DENSITIES
        321124 DENSITY
                  (DENSITY OR DENSITIES)
         67721 HIGH DENSITY
                  (HIGH(W)DENSITY)
L6           2 HIGH DENSITY (10A) L4

=>  d 1-2 cit,ab,kwic
```

1. 5,641,314, Jun. 24, 1997, Memory card receptacle connector and contact terminal; John L. Broschard, III, et al., 439/751, 733.1 :IMAGE AVAILABLE:

US PAT NO: 5,641,314 :IMAGE AVAILABLE: L6: 1 of 2

ABSTRACT:
A PCMCIA receptacle connector 2 for use with a PCMCIA card includes a plurality of receptacle contact terminals 34 positioned in two rows of cavities 18 in a housing 12. Each of the cavities has two cavity sections 20, 28. Mating pin terminal are received through the first cavity section 20 and the contact terminals are inserted from the rear face 16 of the housing 12 into the second housing cavity 28, which has smooth interior walls 32. Each stamped and formed contact terminal 34 has a forward mating section 36, a central contact support section 48, and a rear conductor contact section 42 including surface mount solder tails 44. The contact support section 48 includes resilient spring members 50 in the form of edge stamped cantilever spring members that engage the interior smooth walls 32 of the second cavity section 28 to retain the contacts in the housing 12 and to properly position the mating contact section 36 and the solder tails 44.

SUMMARY:

BSUM(4)

The . . . high density electrical connector to connect the PC card to the personal computer or other computing equipment with which the **PCMCIA card** is to be used. This **high density** electrical connector includes a number of sockets which mate with pins on the computer. This **high density** connector meets the requirements of the PC **Card** Standard, **PCMCIA** dated February 1995 which defines the PC Card's physical outline and the connector system qualification test parameters, including reliability, durability. . .

SUMMARY:

BSUM(5)

PCMCIA . . . be used as memory cards, including Flash, EPROM, DRAM or as other memory cards. When used in these applications the **PCMCIA** cards are inserted into a **card** slot and into engagement with a standard **high density** connector mounted on a printed circuit board in the computer.

2. 5,615,133, Mar. [redacted] 1997, Method and device for [redacted]ing transaction data; Patrick Gillard, et al., 364/550, 464.23; 371/2[redacted].1; 395/201, 235
:IMAGE AVAILABLE:

US PAT NO: 5,615,133 :IMAGE AVAILABLE: L6: 2 of 2

ABSTRACT:
The transaction data are acquired, developed and stored by a processing device located in direct proximity to measuring instruments, which includes a control processor (H) and a storage module (S). The data are stored in a non-volatile and redundant media (3, 4) and under the control of a control element (5). Queries to be performed are transmitted thereto by control processor (H) by means of a transmission channel (L) and of a buffer memory (8). The data of these queries are written and read into the storage media via a memory (6). Permanent controls are performed to check the quality and the accuracy of all the internal transfers and also to save the data in case of a power supply problem. The data saved in the memory may be read by external request.

SUMMARY:

BSUM(8)

Storage is currently performed on storage media such as magnetic disks or diskettes, or **high-density** non-volatile memories for example in form of **PCMCIA**/JEIDA standard **cards** (credit **card** format). These cards utilize either memories saved by an integrated battery, or "flash" type EEPROMs (memories requiring no backup power. . .

L5 1 HIGH DENSITY (5A) L4

=> d cit,ab,kwic

1. 5,641,314, Jun. 24, 1997, Memory card receptacle connector and contact terminal; John L. Broschard, III, et al., 439/751, 733.1 :IMAGE AVAILABLE:

US PAT NO: 5,641,314 :IMAGE AVAILABLE: L5: 1 of 1

ABSTRACT:
A PCMCIA receptacle connector 2 for use with a PCMCIA card includes a plurality of receptacle contact terminals 34 positioned in two rows of cavities 18 in a housing 12. Each of the cavities has two cavity sections 20, 28. Mating pin terminal are received through the first cavity section 20 and the contact terminals are inserted from the rear face 16 of the housing 12 into the second housing cavity 28, which has smooth interior walls 32. Each stamped and formed contact terminal 34 has a forward mating section 36, a central contact support section 48, and a rear conductor contact section 42 including surface mount solder tails 44. The contact support section 48 includes resilient spring members 50 in the form of edge stamped cantilever spring members that engage the interior smooth walls 32 of the second cavity section 28 to retain the contacts in the housing 12 and to properly position the mating contact section 36 and the solder tails 44.

SUMMARY:

BSUM(4)

The . . . high density electrical connector to connect the PC card to the personal computer or other computing equipment with which the **PCMCIA card** is to be used. This **high density** electrical connector includes a number of sockets which mate with pins on the computer. This high density connector meets the. . .

```
=> d his

     (FILE 'USPAT' ENTERED AT 11:22:23 ON 08 OCT 1997)
                DEL HIS
L1           171 S AUDIO(5A)(ON DEMAND)
L2           308 S AUDIO(3P)(STORAG###(5A)PLAYBACK###)
L3        227404 S PORTABLE OR TRANSPORTABLE OR REMOVABLE
L4             2 S L3 (L) L2 (L) L1
L5            16 S MODEM (L)((HIGH OR FAST)(5A)HARD DRIVE)
L6             2 S L1 (L) L2 (L) L5
L7           911 S PCMCIA OR PERSONAL COMPUTER MEMORY CARD INTERNATIONAL AS
SOC
L8           792 S (DISKETTE OR CARD)(10A) L7
L9             2 S L8 (10A) HIGH DENSITY
L10          427 S L3 (L) L8
L11            2 S L10 (L) (L1 OR L2)
L12          356 S 395/200.67,200.47,200.49,200.36,200.61,200.62,200.77/CCL
S
L13          990 S 348/7,6,12,13/CCLS
L14            2 S 711/1,4,102,103/CCLS
L15          417 S 395/401,404,429,430/CCLS
L16          661 S 455/4.2,5.1,6.3,3.2/CCLS
L17           54 S (L1 OR L2) AND (L12 OR L13 OR L14 OR L15 OR L16)
L18            5 S L1 (L) L2
L19            9 S L10 AND (L12 OR L13 OR L14 OR L15 OR L16)
L20           72 S L3 (L) (L1 OR L2)
L21            9 S L20 AND (L12 OR L13 OR L14 OR L15 OR L16)
```

```
=> d his full

     (FILE 'USPAT' ENTERED AT 11:22:23 ON 08 OCT 1997)
                DEL HIS
L1           171 SEA PLU=ON  AUDIO(5A)(ON DEMAND)
L2           308 SEA PLU=ON  AUDIO(3P)(STORAG###(5A)PLAYBACK###)
L3        227404 SEA PLU=ON  PORTABLE OR TRANSPORTABLE OR REMOVABLE
L4             2 SEA PLU=ON  L3 (L) L2 (L) L1
L5            16 SEA PLU=ON  MODEM (L)((HIGH OR FAST)(5A)HARD DRIVE)
L6             2 SEA PLU=ON  L1 (L) L2 (L) L5
L7           911 SEA PLU=ON  PCMCIA OR PERSONAL COMPUTER MEMORY CARD INTERN
ATI
                ONAL ASSOCIATION
L8           792 SEA PLU=ON  (DISKETTE OR CARD)(10A) L7
L9             2 SEA PLU=ON  L8 (10A) HIGH DENSITY
L10          427 SEA PLU=ON  L3 (L) L8
L11            2 SEA PLU=ON  L10 (L) (L1 OR L2)
L12          356 SEA PLU=ON  395/200.67,200.47,200.49,200.36,200.61,200.62,
200
                .77/CCLS
L13          990 SEA PLU=ON  348/7,6,12,13/CCLS
L14            2 SEA PLU=ON  711/1,4,102,103/CCLS
L15          417 SEA PLU=ON  395/401,404,429,430/CCLS
L16          661 SEA PLU=ON  455/4.2,5.1,6.3,3.2/CCLS
L17           54 SEA PLU=ON  (L1 OR L2) AND (L12 OR L13 OR L14 OR L15 OR L1
6)

L18            5 SEA PLU=ON  L1 (L) L2
L19            9 SEA PLU=ON  L10 AND (L12 OR L13 OR L14 OR L15 OR L16)
L20           72 SEA PLU=ON  L3 (L) (L1 OR L2)
L21            9 SEA PLU=ON  L20 AND (L12 OR L13 OR L14 OR L15 OR L16)
```

L18 5 L1 (L) L2

=> d 1-5

1. 5,606,642, Feb. 25, 1997, Audio decompression system employing multi-rate signal analysis; John P. Stautner, et al., 395/2.14 :IMAGE AVAILABLE:

2. 5,572,442, Nov. 5, 1996, System for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., 395/200.49; 348/6, 7; 455/4.2 :IMAGE AVAILABLE:

3. 5,557,541, Sep. 17, 1996, Apparatus for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., 348/7; 360/15 :IMAGE AVAILABLE:

4. 5,408,580, Apr. 18, 1995, Audio compression system employing multi-rate signal analysis; John P. Stautner, et al., 395/2.14 :IMAGE AVAILABLE:

5. 5,351,276, Sep. 27, 1994, Digital/audio interactive communication network; William J. Doll, Jr., et al., 379/67; 370/354; 379/68, 93.01, 101.01, 247, 269; 395/773 :IMAGE AVAILABLE:

=> s l10 and (l12 or l13 or l14 or l15 or l16)
L19 9 L10 AND (L12 OR L13 OR L14 OR L15 OR L16)

=> d 1-9

1. 5,663,901, Sep. 2, 1997, Computer memory cards using flash EEPROM integrated circuit chips and memory-controller systems; Robert F. Wallace, et al., 365/52, 185.11, 185.33; 395/500; **711/103** :IMAGE AVAILABLE:

2. 5,651,116, Jul. 22, 1997, Method and apparatus for generating summaries of prepaid instrument transaction activity; Jean-Yves Le Roux, 395/831; 235/380, 492; **395/200.67** :IMAGE AVAILABLE:

3. 5,623,637, Apr. 22, 1997, Encrypted data storage card including smartcard integrated circuit for storing an access password and encryption keys; Michael F. Jones, et al., 395/491; 380/23, 25; 395/188.01, **430**, 442, 833 :IMAGE AVAILABLE:

4. 5,594,779, Jan. 14, 1997, Mobile audio program selection system using public switched telephone network; William Goodman, **455/4.2**, 411, 414, 418, 517 :IMAGE AVAILABLE:

5. 5,588,146, Dec. 24, 1996, Method for the acquisition of software and data-processing system to implement the method; Jean-Yves Leroux, 395/601, **200.49**, 200.59, 228, 491 :IMAGE AVAILABLE:

6. 5,572,442, Nov. 5, 1996, System for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., **395/200.49**; **348/6**, **7**; **455/4.2** :IMAGE AVAILABLE:

7. 5,557,541, Sep. 17, 1996, Apparatus for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., **348/7**; 360/15 :IMAGE AVAILABLE:

8. 5,539,658, Jul. 23, 1996, Electronic presentation system using portable storage media; Timothy L. McCullough, 395/329; **348/12** :IMAGE AVAILABLE:

9. 5,532,945, Jul. 2, 1996, Power budgetting in a computer system having removable devices; Kurt B. Robinson, 364/707; 365/226, 227; **395/430**, 442, 750.01 :IMAGE AVAILABLE:

=> s l20 and (l12 or l13 or l14 or l15 or l16)
L21 9 L20 AND (L12 OR L13 OR L14 OR L15 OR L16)

=> d 1-9

1. 5,675,390, Oct. 7, 1997, Home entertainment system combining complex processor capability with a high quality display; Jeffrey Schindler, et al., 348/552; 345/132; 348/441, 725, 731; **455/6.3** :IMAGE AVAILABLE:

2. 5,633,891, May 27, 1997, Portable integrated satellite communications unit; Mohammed S. Rebec, et al., 375/219; 348/15, 384; 370/260, 466, 477, 916; 375/240, 377; 379/202; **455/3.2**, **5.1**, 12.1 :IMAGE AVAILABLE:

3. 5,619,528, Apr. 8, 1997, High speed teleconference system; Mohammed S. Rebec, et al., 375/219; 348/10, **12**, 15; 370/260; 375/240, 260, 295, 316, 377; **455/3.2**, **5.1**, **6.3**, 84, 95 :IMAGE AVAILABLE:

4. 5,617,539, Apr. 1, 1997, Multimedia collaboration system with separate data network and A/V network controlled by information transmitting on the data network; Lester F. Ludwig, et al., 395/200.35; **348/12**; 370/260; 395/200.68, 200.79, 330 :IMAGE AVAILABLE:

5. 5,594,779, Jan. 14, 1997, Mobile audio program selection system using public switched telephone network; William Goodman, **455/4.2**, 411, 414, 418, 517 :IMAGE AVAILABLE:

6. 5,572,442, Nov. 5, 1996, System for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., **395/200.49**; **348/6**, **7**; **455/4.2** :IMAGE AVAILABLE:

7. 5,557,541, Sep. 17, 1996, Apparatus for distributing subscription and on-demand audio programming; Nathan Schulhof, et al., **348/7**; 360/15 :IMAGE AVAILABLE:

8. 5,253,341, Oct. 12, 1993, Remote query communication system; Anthony I. Rozmanith, et al., **395/200.49**; **348/12**; **395/200.77**, 610, 934 :IMAGE AVAILABLE:

9. 5,133,079, Jul. 21, 1992, Method and apparatus for distribution of movies; Douglas J. Ballantyne, et al., 455/4.1; **348/7**, 10, **13**; 386/104, 109; **455/5.1**, 72 :IMAGE AVAILABLE:

```
=> s 395/200.67,200.47,200.49,200.36,200.61,200.62,200.77/ccls
            91 395/200.67/CCLS
            52 395/200.47/CCLS
            80 395/200.49/CCLS
            61 395/200.36/CCLS
            36 395/200.61/CCLS
            26 395/200.62/CCLS
            35 395/200.77/CCLS
L12        356 395/200.67,200.47,200.49,200.36,200.61,200.62,200.77/CCLS
                  ((395/200.67 OR 395/200.47 OR 395/200.49 OR 395/200.36 OR
 39
                  5/200.61 OR 395/200.62 OR 395/200.77)/CCLS)

=> s 348/7,6,12,13/ccls
           294 348/7/CCLS
           381 348/6/CCLS
           308 348/12/CCLS
           300 348/13/CCLS
L13        990 348/7,6,12,13/CCLS
                  ((348/7 OR 348/6 OR 348/12 OR 348/13)/CCLS)

=> s 711/1,4,102,103/ccls
             0 711/1/CCLS
             1 711/4/CCLS
             0 711/102/CCLS
             1 711/103/CCLS
L14          2 711/1,4,102,103/CCLS
                  ((711/1 OR 711/4 OR 711/102 OR 711/103)/CCLS)

=> s 395/401,404,429,430/ccls
           100 395/401/CCLS
           133 395/404/CCLS
            32 395/429/CCLS
           162 395/430/CCLS
L15        417 395/401,404,429,430/CCLS
                  ((395/401 OR 395/404 OR 395/429 OR 395/430)/CCLS)

=> s 455/4.2,5.1,6.3,3.2/ccls
           233 455/4.2/CCLS
           299 455/5.1/CCLS
           153 455/6.3/CCLS
            96 455/3.2/CCLS
L16        661 455/4.2,5.1,6.3,3.2/CCLS
                  ((455/4.2 OR 455/5.1 OR 455/6.3 OR 455/3.2)/CCLS)
```